

GROUND-WATER LEVELS

ROBESON COUNTY--Continued

342620078581801. County number, RB-188; DENR Boardman Research Station well AA43q1.

LOCATION.--Lat 34°26'22", long 78°58'19", Hydrologic Unit 03040203, west of Boardman, 0.6 mi southwest of U.S. Highway 74 on Secondary Road 2245. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, depth 497 ft, diameter 4 in. to 220 ft, diameter 2.5 in. from 214 to 497 ft, screened interval from 445 to 455 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 80.46 ft above NGVD of 1929 (levels by DENR). Measuring point: Top of 4-inch casing, 2.45 ft above land-surface datum (since June 2000).

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study.

PERIOD OF RECORD.--August 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.75 ft below land-surface datum, Aug. 18, 1981; lowest water level measured, 62.36 ft below land-surface datum, Sept. 3, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 16	61.94	MAR 20	62.04	SEP 03	62.36

